

ZMATH 2003c.02678

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Simulating a fountain.

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We establish the mathematical behavior of water droplets emitted from a fountain and apply this behavior in a computer model to predict the amount of splash and spray produced by a fountain under given conditions. Our goal is a control system that creates the tallest fountain possible while limiting water spillage to a specified level. (orig.)

Classification: M55 R25 I75 K65